Santa Barbara Cal
Feby 28. '81 —

Dear Sir.

Send you a package of Arizona fossils herewith. Please let me know what you find in it —

Very truly
Mrs S. C. Bagg

WRITE THE ADDRESS ON THIS SIDE—THE MESSAGE ON THE OTHER

Gr. E. Davenport
No 8 Hamilton Place
Boston Mass.

H

Notes for Dr. G. R. Davenport on ferns
received May 26 1880.

Cheilanthes 1, 2, 3 look to me just alike, entirely correspond with Bigelow's White Cliff creek plant, which is the Californian C. Pendleri of Synopsis Filicum. Some of Wright's 2476 need Mexican specimens I look just like this, but others of them I cannot separate by any hard & sharp line from Mexican & Andine myriophylla. Compare the frond of Wright's plant sent here with the frond from Ecuador, which is a fair average of myriophylla, as we understand it here. So that I dont think Pendleri can stand as a species & I should say that this Californian calloleptis is the form of the plant that is furthest away from type myriophylla, Pendleri 1018 being a connecting link. No 4 is a need form to us, running off from type myriophylla, I should say, in the direction of gracillima.

Notholaena paye. Quite need to us,

Asplenium rhizophyllum & myriophyllum
The two specimens excellently represent the two varieties, as understood in Synopsis Filicum

Notholaena candida. We had only an imperfect scrap of this Californian plant before, & following Fournier we separate Cretacea from candida, this is the former, we have Liebmann's type & these specimens

match it very nearly. Wright, 820 is good for candida, typical. I think at any rate they might reasonably be regarded as two distinct varieties.
Anglanthes Cooperi. A good supply of this is very acceptable.

With kind regards

J. G. Baker

Kew, May 26. 1880.

H

Herbarium

July 5 1882

My dear Sir

Many thanks on behalf of Herb. Kew for the packet of ferns just received, all of which were in excellent order. I do not know that we have any before from Unalaska. I have been looking through the covers & quite fail to draw any definite line of demarcation between Notholoena Newcy & dealbata & fear indeed that chilensis & Pendleri are not very good as species. I have been much interested

in company the Hawaiian specimens & the following is the best I can make of them.

No 1. A very distinct new Asplenium next to normale. The involucre is often so like that of Davallia & Leucostegia that leucostegioides would be a good name for it.

No 2 is I think a new Polypodium allied to dareaforme, but I do not make out clearly whether the specimen represents a whole frond or only a portion. This is very interesting.

No 3 Polypodium & Phegopteris. But I do not match the species & cannot tell how much of the frond the piece sent represents.

No 4 I have no doubt is Nephrodium subgiganeum Hook.

5 A large diplazioid Asplenium, possibly Arnottii, but I am not at all sure.

6 I have no doubt is Polypodium punctatum.

7 A new Polypodium of the Phegopteris subgenus, but the specimen scarcely complete enough to describe from safely.

Pray tell your correspondent to try to get better specimens especially of 2, 3 & 7. I expect they will all three prove new species.

With very kind regards to Dr & Mrs Gray when you see them

Yours very truly
J. G. Baker.

work, especially Flora Indica,
His son in law, Mr Thiselton
Dyer takes his place as director
& Mr D Morris (of Jamaica) the
assistant directorate,
Please remember me very kindly
to Prof. Eaton, when you write &
also to Mr Pringle, who I am
glad to see is working so success-
fully in an entirely new groove.

Yours very truly
J. G. Baker

H

Jan 25 1886

My dear Sir

I have received safely
the packet of Pringles Chihuahua
ferns — many thanks for the same
I have compared with our speci-
mens. The following are the notes
I have made
Cheilanthes lanosa. Need to here
Keep. Looks very distinct.
15 typical Pellaea cordata Sm. as
understood in Synopsis Filicum
P cordata Fée + being as you say,
P paradoxa Hook.
Pellaea ternifolia, aspera & hoto-
chloena Kunze. all three, quite
typical as understood here
Adiantum tenellum Fée
matches our type specimen
from Liebmann marked A.
chilense Kaulf. var pilosulum —

11 Asplenium Riehmanes var repens Swartzport precisely matches the type (Galeotti 6444) of A. heterochroum, Kunze in Linnæa IX. 67. It is kept up as a species by Moore & Fourmier.

4 Apices exactly with Liebmanns type of Oxelaca (See scraps enclosed)

12 Quite apices with type received from Martens & Galeotti marked "Cheilanthes candida."

5 I entirely agree with you about this Parry & Palmers 1882, 1883 lie now, mounted on one sheet, in the cover at the end of genus, marked N. sp. It is quite distinct from N. chilensis, of which there is a good figure in Hooker's Species Filicum. My name Palmeri has not been published, so need not stand in your way.

6 This is the typical Psilotum complanatum Spring. We unite with it P. flaccidum, Wall., for which the name complanatum would be much more appropriate.

We are going to have a volume of the Icones Plantarum entirely devoted to ferns, so that will give us the opportunity of figuring 100 or the more interesting or little-known species. Unfortunately the artist has had no experience in drawing ferns, so that it is slow work at the beginning & difficult to teach him to do justice to the things that are important botanically.

You know probably that Sir J. D. Hooker has resigned his official at Kew in order to devote himself completely to scientific

#

Our set of Pteryles ferns has not yet come. Both 448 & 461 are included under Pellaea contorta as understood in Synopsis Filicum. 461 is the type, the other matches a new Mexican plant from Rusby & one of the specimens included under C. Wright's 825. Mandons 1554 has the same non cordate segments & a flexuose axis. I think it ought to have a name as a distinct variety. Hemsley is just printing off his supplement. I have asked him to insert 991 as P. Pringlei Davenport, MSS, as I think the other (Palmeri) is good J.G.B.

(448? S.E.D.)

(441? S.E.D.)

UNION POSTALE UNIVERSELLE

POST CARD—GREAT BRITAIN & IRELAND

(GRANDE BRETAGNE ET IRLANDE)

THE ADDRESS ONLY TO BE WRITTEN ON THIS SIDE.

G. E. Davenport Esq
Medford
Massachusetts
U. S. A.

Dear Sir

I have had access at present to the Pike County Herald since plenty after being taken I have been to be quiet & after having gone classified once each quarter of a year. The name Polyprodium hetterlitzii was written on one of the papers in which the specimen was wrapped. I did not recognise the plant. It was not in flower.

Hand, April 26 1892. I G Bocher

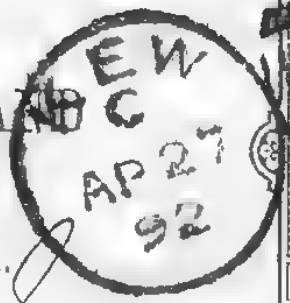
Mr Thurber

UNION POSTALE UNIVERSELLE

POST CARD—GREAT BRITAIN & IRELAND

(GRANDE BRETAGNE ET IRLANDE)

THE ADDRESS ONLY TO BE WRITTEN ON THIS SIDE.



G. Davenport Esq
69 Valley St
Medford
Massachusetts
U. S. A.

H

Sent from Davenport

No 226 of Palmer's Siriymus collection of 1887 exactly matches the original specimens of Pellaea sernanii (Bragoklas sernanii 1447) Both specimens are [illegible] fronds are fairly cut too. I think they probably belong to the same species

New June 11 1897 J G Baker

UNION POSTALE UNIVERSELLE

POST CARD, GREAT BRITAIN & IRELAND

GRANDE-BRETAGNE ET IRLANDE

THE ADDRESS ONLY TO BE WRITTEN ON OUTSIDE.

REPLY.

G E Davenport Esq
67 Walley St
Medford
Massachusetts
USA

[illegible]

[illegible]

[illegible]

Brick Church
New Jersey
~~Feb 7~~. 83
March 5

George A. Davenport, Esq

Dear Sir.

I have nearly ready for the Press, a sort of Comparative list showing the range of the Orchids found in Mass., but have found it difficult to get stations in Worcester, Middlesex, Norfolk & Bristol Cos., so far botanists have given attention to Orchids. Several correspondents have referred me to you, and if you could be time to send me stations in any or all of these counties (my aim is to have the stations scattered, of course) I shall be exceedingly obliged to you. With the exception of Newton & Cambridge, the immediate vicinity of Boston is not represented on my list. If you collected Orchids in New Hampshire or Maine, I should be glad to get stations in these states, but do not want to impose on your good nature. An early answer will oblige.

Yours very truly
Henry Baldwin

Syracuse Oct 19th 1875

Mr Davenport

Dear Sir

I hasten to acknowledge the receipt of your letter, most beautiful and rare fern specimens. and for which please accept my kindest thanks. I was perfectly delighted with them, and the generous number. and while I think of it, in your two last letters, you write as though you had sent some before. This is the only package I have received, and if you have sent one previously, I may be able to trace it if it came here. If not too much trouble, please write me. I have some larger and finer specimens of Scolopendrium, and two very odd ones, if you care

I will send you some morning I
sent them, I left the city on an early
train, so had not time to look them
over. When I have some oddly divided
spiraeborums, can send you one or
two of those, also odd shaped and
very fine specimens Acrostocojotes
var incisum, odd shaped Polypodiums
and a variety of Botrychiums Lunaria-
ides incisums &c. which I have gathered
lately at Oneida. Much to my astonish-
ment I found a few Ophioglossums
growing there also a very peculiar
Asplenium ~~Poly~~ Thelypteroides
any of these would be glad to send
if you care for them. I am very
fond of these oddly shaped ones
Again thanking you for your kindness
I remain

Yours sincerely
Mrs Dr Barnes
41 Green St

Syracuse March 4th 1870

Mr Davenport

Dear Sir

I write to acknowledge the receipt of two papers from you, with the very interesting article upon ferns. I have enjoyed it very much thus far, and if not asking too much, I should be pleased to receive the rest as it is published. I enjoyed the last ferns you sent. In the letter which accompanied them, you asked for some in return. During my sickness the letter has been mislaid, if you will write

me again, I will look for those you wish, and hope I shall have them for you.

Yours very truly,

Kate L. Barnes

P.S.

I have mounted my specimens of Matricaria foliosum, and they all vary so much. I should be glad for you to see them, and would send them for your inspection, if you cared to have me.

Syracuse March 24th 1876

Mr Davenport

Dear Sir

I recieved your letter day before yesterday, have not answered sooner, as I did not have time to look over my ferns. I am extremely thankful for the ferns you sent, they are lovely little ones, and feel all the more oblige, as they are so rare. My collection is now up to 98. I hope some time I shall be able to complete it. I send you to day a package of ferns, not all I would like to send. but as there are several

people I have written to lately, I must wait until I hear from them before making my duplicates too short.

The scolopendrium is from Green Lake, Jamesville Dep. 175 Tellaa. Jamesville road.

A. acrostocoides. Mexico.

B. matricariaefolium Montfredy's Gulf. C. dryopteris. Jamesville road

I will send my B. matricariaefolium as soon as I can mount a few more for your inspection. Any thing more you may wish, please send for. You have been so generous to me I shall always be glad to send you specimens. Many thanks for the other paper

Yours sincerely

Kate S. Barnes

Syracuse June 21st 1877

Dear Sir

I have finally found time to send you up a few more ferns. and hope you have not lost all patience, waiting for them. I was sick a long time this Spring, and felt miserable to look a ferns. I have a nice lot in press now but do not know as you will care for any of them. Will send you a list of what I have in the Hall. I shall go up into the North Woods, in about 3 weeks to spend the Summer, will get you more lycopodium, and Ophioglossum etc.

Please tell me what you think of the odd specimen of

Spinulosum? I found a great many of them. Also please tell me what the two Spinulosums that are alone are? Are they Bootii? Are not the little Botrychiums are cunning? Please tell me what the fern is that looks like marginale? the fructification is not on the margin. I have two roots, if you care for one I could send it to you.

Yours very sincerely
Kate S Barnes

P.S. I am afraid I gave the best Phegopteris calcareum to Mrs Rust.

Stockton, Cal. Aug 4th 77

Dear Sir,

I send you a few roots of B. simplex by todays mail, and hope they will reach you safely. I wish they were all nice and green, but they may come up another year. You will have to use care in unbracking them, as they are so small and weathered. Those that I sent you that were entire are as large as any I found. If I come here another year, are they sufficiently rare to pay me for coming earlier?

Thanks for the card board. it did not come till last night and as a team was going out yes

terday. I did not know
when another would go, & thought
I would not wait, so I sent you
a package yesterday. I hope
I shall find more to send you
but they are very scarce.
In haste
Yours respectfully
Kate D. Barnes

Ferns
have to
Mr. N. Shem
to me received
them

Hingham August 15th 1877

Dear Sir—

I found I had time to do up my ferns hurriedly, and thought I had better send them: the D. fernaldum I put in as I have never seen a sterile frond fruited before and thought and ~~thought~~ possibly you might not have. I found the simplex growing in an other old pasture, and think if I had come earlier I might have found a hundred, but they were all withered up as they are more exposed, please keep this to yourself, for if I come another year. I should like the pleasure of gathering them

Yr. Mrs E. Barnes

No 1 Sept 3d 1877

Dear Sir,

I would rather have you keep my ferns until I return home, and if there happen to be duplicates of any that you should desire for your own collection you may keep them. I found a few more after I sent yours. What you wrote about the formation of the bud, I had already discovered for myself, but did not understand the meaning of it, supposed it was another plant for this year. I found the stem of one apparently much swollen, and opened it to find the cause, and then I found a perfect plant, both stile and fer

tile, as perfect as could be,
I meant to have written to you about it at the time, but did not get the time. I was delighted after you wrote, to think I had been so fine a specimen, then I found another after you wrote, and examined that too, so with many thanks to you, I understand the growth of botrychiums perfectly. I found another little place where they grow, so I think if I come another year I shall find a nice lot. I wish I could have found them earlier this year, in most cases they were all withered up, those I found were protected by the tall grass. ~~and~~ I send you last Monday a box of B. ternatum, have you received them? I shall send you some pressed ones when I get home. I am glad if I have been of any service to you, in that way. I may be able to do more for you, as I feel under great obligations to you, ~~for~~ not only ~~for~~ a generous supply of specimens, but for the many words of encouragement you have given me, as well as much information. If you have not sent any ferns to Prof. Eaton, I should like the pleasure of doing so, as he was very kind to me when I first commenced collecting. I feel very grateful to all who helped me at first, I had so little to send in return.
Please excuse all my poor writing done here. I have no facilities for writing

Yours sincerely
Kate Barnes

I will send all the Botrychia I have for you as soon as I hear from you. I wish they were better this year. Have you commenced your paper upon B. matricariaefolium?

Yours respectfully
Cate A. Barnes.

18

Syracuse Jan 22nd

Dear Sir

The second No. of the Flora of N.Y., came on Saturday and I was delighted to see B. boreale in it, as I have been anxious for a long time to know how it looked, as it is the only Botrychium I lack. It looked so familiar to me that I felt that I must have gathered it something similar to it among my Botrychiums. In looking over my B. matricariaefolium I found some resembling it in a measure, and I would like to send them for you to examine. I for so many curious ones that I should like to send

them all to you, and you may keep part if you wish. They may give you a little in your work. I must say the Botrychiums have always had a peculiar facination for me, and since your valuable articles upon them, I feel more interested in them than ever.

I am away to get up to No 1. again. I feel sure, that if I go earlier I shall find much to delay me, and I feel as though I may find something new. I even feel encouraged to look for B. boreale, if it has been found once in this County, why may we not hope to find it again? If I go I shall certainly look with great perseverance and also for B. lunaria. I live in hopes to find these two and then I shall have found all the Botrychia.

[illegible]

Syracuse Jan 23d 1879

Dear Sir

I am sorry that I have not been able to answer your letter sooner, but I have had a very sick baby and he has taken all of my time. I am so sorry that you are discouraged about your catalogue, why not put the price up to 75 cts? I have spoken to Miss Williams, Mrs Fairbanks, Mrs Reid, Mrs Gifford & Mrs Myers. we will all gladly pay that price. At our Club meeting I tried to get Mrs Myers to wait till she heard from you again before stating the price at all, but she was so anxious to get subscribers, that she wanted to do it right away, and she told me

yesterday that she had sent you 20 names. I am so glad and hope she will get 20 more. but those 20 people would just as soon have paid 75 cts. She is just the one to get subscribers for she does not care who she asks. I think your idea of calling it a hand-book, a good one. and think with you it would take better. I am sure all botanists would want it then. I had a letter from Mr Shockley this week. he seemed much pleased with what I sent him. and has promised to send me Pteris Cretica. but am sorry to say that he says his Asplenium myriophyllum has given out. I hope before long to find time to make exchanges again. I miss it so much and the pleasant correspondence it brings. besides I want to make my list complete of I can. Please tell me if you have heard from Dr Parker this winter. I was in hopes to hear from him but have not thus far. Will you please tell me from whom you received your Botrychium boreale.

Hoping soon to hear that your catalogue is a success

I am yours respectfully
Kate S Barnes

Syracuse Mch. 22nd

Dear Sir

I hope ere this that your eyes are well again. I give them so crippled in my [illegible] as since I recovered, that I am not able to use them long at a time. I let the window fall on both it shattered my left-hand and badly bruised my left. I only wish it were Summer for as I cannot do anything I could be out botanizing all the time. In a week from Saturday I am to send your Raperton bud forms of the Polygala before the Club. I have so little opportunity to gather anything and your [illegible]

[illegible]

[illegible]

[illegible]

Syracuse Mch. 29th 1880

Dear Sir

I wrote you last week but directed my letter to Ann Arbor. It is said I was going to read your paper on the Botrychia.

I was sorry not having your letter I thought you might give a number of specimens. If you have any of them that we have not mounted and do not care for, I wish you would send me a few. I have B. Virginianum & matricariaefolium. Could you send them as early as convenient. As I read the paper on Saturday. Yours respectfully

Mrs Barnes

Syracuse April 1st

Dear Sir

The Botrychia came yesterday, when I feel under many obligations for the loan of them. I should never have asked for that set, I thought you might have duplicates, and would be willing to loan them. I shall take extra care of them and return them directly. The heads of lernatum and ~~[illegible]~~ were broken off in coming, the others came safely. I will pack them more securely in sending back.

In haste. Mrs B.

No 1 Bay St.

Dear Sir

I received your letter long ago, and am ashamed of myself for not answering it sooner, but the truth of the matter is, I am no lady for anything. It has been unusually warm here, and all our efforts of feeling so languid and sleepy. Of course I am not a great deal, but went it comes to writing, it has seemed such a task. I think of the weather changes. I shall have a little more life. I searched diligently for the Botrychium you desired, but there was barely a vestige of them.

Either I had a long tramp of
2 or 3 miles, where I had gathered
them before, and then I found
a few that we do come on
by the bee hives that were
left, very profitable. I had
some trouble in preserving, but
I think the new forms are
perfect, and I suppose that
is all your work. I am very sorry,
but have done the best I could.
My hands was so blistered from
digging them that I could not
write for a week. They grow in many
so many pushes and roots, that
it is almost impossible to dig
at all. In many I broke off
in trying to dig. They had been
late frosts here, and that with
the extreme dry weather, seems
to have killed them. If I could
only come once in June. Thus
far I have seen but few
B. Dermatums, but then I have
not looked particularly for them.
As I intend to stay here
through September, I thought
there would be plenty of time
to gather them.

We are going tomorrow
further on the waves, to camp
out for a week, expect a very
pleasant time.

Hoping to hear from you
soon, I remain

Yours sincerely
Kate R. Barnes

The Rosemore
Louisville - Ky

Jan 13. 1902

George E. Dampf. Esq
Boston -
Dear Sir! -

According to promise made you in Boston - I have inquired concerning the Williamson fence etchings - Mr Jewett Menefee, who was Mr Williamson's executor, died several years ago & Mrs Menefee - his widow - tells me that all the etchings were sold separately and are most of them owned by prominent citizens in this town - I know the whereabouts of four or five but feel sure that, may be with

no exception the owners would not care to sell - A few lines in either the "Courier-Journal" "Post" or "Times" would, I am sure, bring you many answers -

Hoping that this information will serve you & regretting that it is so meager, I am -

Very truly yours
Evelyn Shead Barnett

Mrs. J. B. Barlett
Winthrop Highlands
101 Cliff Ave.

Mr George E Davenport
Medford Mass

Dear Sir your
very kind note indicating an
interest in Lems came today.
Since my enquiry at your
Boston office we are informed
by the family here that they have
taken apartments in Boston
and wish to leave the 20th inst.
This will necessitate my
removal also and with the
expectation of locating in
Boston

think it would give you less inconvenience to defer until we can arrange some convenient time then to examine the specimen of doubtful name.

Trusting this may be in the near future and thanking you for so cordial offer of assistance I remain Yours Respectfully

Julia B Burtett.

Winthrop Highlands
September the Eleventh
Nineteen hundred & Five

from England, and possibly you may think that it has in some way been brought here through some one of these persons. I intend when summer comes to institute a thorough search, with the help of some boys who belong to our Botany Club, throughout the field where I found this fern, to ascertain whether there is another, and if we find another, or several more, I will inform you. The field has been traversed a great deal by myself and by others observant and interested, and I should not be surprised if we do not find any more. I have only a very poor specimen left of the little fern. I am sorry that I can not enclose to you a better one.

The attention of the boys belonging to the Botany Club, and consequently

St. Paul's School, Concord, N.H.
April 14th 1882

Mr. Geo. E. Davenport,
Dear Sir,

I am happy to reply to your letter of inquiry respecting the little fern which I found last summer. I caught sight of it one morning last July, as I was crossing a rocky pasture near the School, and instantly saw that it was a fern that I had never seen before. I took it up carefully with my hands and brought it home & put it in a little pot and one of the ladies very kindly cared for it until I sent it

to Prof. Gray. It grew very well in the little spot, but remained quite small. The spot where I found it was a steep hillside running down from the highway to the School pond, very rocky & with the lower part quite heavily wooded. This little plant grew just above the upper edge of the woods, in the open pasture, but under the shadow of the woods. There were a good many other low ferns about it. I was very busy at the time, but a little later I looked very carefully through that part of the field, but could find no other specimen of it. and I have as yet found no one in this region who has seen one like it. I think no one here at the School or in this vicinity can ever have had this variety in cultivation. The few house plants kept here scarcely ever include any ferns, and such as there are, have been the maidenhair or some other showy variety. I showed this little plant to Mr. Hain, the principal owner of greenhouses in Concord, which is two miles distant, and he had never seen any plant like it. I know of no one in this region of country who has a large collection of ferns, or any but a few of the more showy varieties. We occasionally have visitors at the School who have just returned

the interest of the two or three of us older persons who are interested in Botany, is especially directed now toward ferns, on account of a prize which has been offered to be awarded this year to the boy who has the best collection of ferns from this region. I presume that in two or three years time the vicinity of the School will everywhere have been pretty carefully examined to find all possible varieties. Up to this time flowering plants chiefly have claimed the attention of all interested in Botany at the School. As we go on I may be very glad to accept your kind offer of specimens, in favor of

our Botany Club Herbarium.
and to ask you for information,
I shall feel honored in receiving any further communication from you, and shall be only too happy if I can give you any further information in response to inquiries.

Truly Yours.
Wm H. Bates.

St. Paul's School, Concord, N.H.
April 30th 1882

Mr. Geo. E. Davenport,
Dear Sir,

Allow me to thank you for the copy of your Fern Catalogue, received by mail some time since. It is very valuable and useful to me. I have today found in a low meadow about half a mile from the School a single frond, of last year's growth, of the Lygodium Palmatum. I know that this is a rare fern, and I take pleasure in reporting to you the discovery of a specimen of it here. This little frond is about seven

inches in height, and has seven
pairs of frondlets. I have not
had time to fully explore the
field to see whether there may
be more of it. But there was
no more within sight of this.
Unfortunately the meadow has been
mowed every year, and thus
doubtless its growth has been
very much injured. I shall
watch carefully for the appearance
of new fronds & shall protect
them from the scythe of the farmer.
I see by Prof. Hitchcock's Geology
of N.H. that it is reported found
at Hudson, N.H. but it is not
accredited to N.H. at all by
yourself, or by Prof. Eaton or Prof.
Gray. Will you kindly tell
me whether N.H. ought to be
mentioned among the localities mentioned where
it is found, and oblige,
Yours very truly,
Wm. H. Bates

St. Paul's School, Concord, N. H.
Sept. 30th 1882

My Dear Mr. Davenport,

It is rather late to acknowledge the receipt of the August number of the Torrey Club Bulletin, which you so kindly sent me, with your notice of my two little discoveries. I am very much obliged to you indeed for remembering me. I have not been able to find a trace this year of the Lycodium, nor can I find another specimen of the Filis-foemina crispum. Possibly they may appear next year. I think I mentioned to you that I had found one specimen of

Botrychium lanceolatum in August. I have found nothing else which seems to me to be of interest. The Botrychium ternatum, varieties obliquum and dissectum are abundant here and quite large & fine, the obliquum is very abundant.

With thanks for your kindness.

I am,

Truly Yours,

Wm. H. Bates,

When on Mt. Moosilauke this summer, I observed that at the summit & for a considerable distance down the mountain, but one species of fern was to be seen, and that was very abundant. It was the Aspidium Aculeatum

or perhaps the Aspidium Americanum, I presume that the latter. I was surprised & pleased to find the hardiest species we have. It does not look so hardy down here in the valleys.

H

28 Commonwealth Ave.
October 16th 1901.

George E. Davenport Esq.

My dear Sir; —

My mother brought to me yesterday the beautiful letter written by Dr. Gray, which you were so kind as to send. It will always be

one of the greatest treasures of my artistic Liszt collection, and I shall place it upon the one of Liszt's favorite pianos of which I am the fortunate possessor.

Your generosity in wanting to write to me a letter, from your great and noble friend, when every scrap of his writing must be so precious to you,

is deeply appreciated, and I thank you most heartily.

May I send the best of wishes, in which Dr. Beach joins, for the success of your great work? My mother has told us of its vast scope and extent, and we all hope that you may bring it to a triumphant conclusion. Thanking you again, I am

Very truly yours
Amy M. Beach

(Mrs. H.H.A. Beach.)

MICHIGAN AGRICULTURAL COLLEGE.

COLLEGE FACULTY.

O. Clute, M. S.,	President.	
T. C. Abbot, LL. D.,	Prof. of	Mental Science.
R. C. Kedzie, M. A., M. D.,	"	Chemistry.
A. J. Cook, M. S.,	"	Entomology.
W. J. Beal, M. A., M. S., Ph. D.,	"	Botany.
R. C. Carpenter, M.S., C. E., M. M. E.,	"	Mathematics.
E. A. A. Grange, V. S.,	"	Veterinary Science.
W. F. Durand, Ph. D.,	"	Mechanics.
W. L. Simpson, U. S. A.,	"	Military Science.
L. R. Taft, M. S.,	"	Horticulture.
E. P. Anderson, M. A., Ph. D.,	"	English.
E. Davenport, M. S.,	"	Agriculture.
H. G. Reynolds, M. S.,	Secretary.	
Jane S. Sinclair,	Librarian.	

DEPARTMENT OF BOTANY AND FORESTRY.

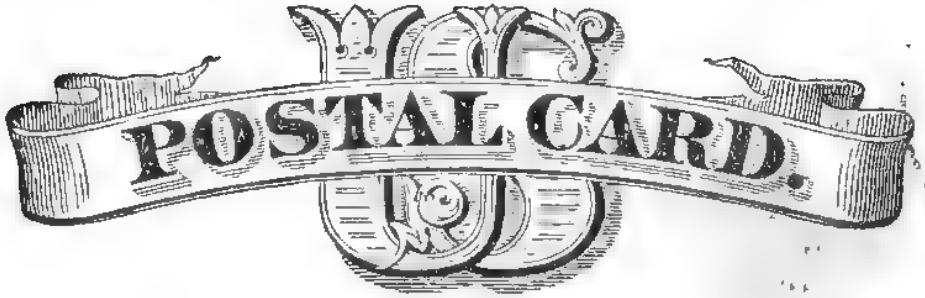
Agricultural College P. O.,
Ingham Co., Mich. Jan. 1 1891.

Geo. E. Davenport.

Dear Sir:

I am making a collection of photographs of prominent botanists. I wish to have one of yours. I will exchange or purchase. An early reply will oblige

Yours truly
W. J. Beal
CO.



NOTHING BUT THE ADDRESS CAN BE PLACED ON THIS SIDE.

Geo. E. Crawford,

Medford,

Massachusetts,

Baltimore, Md, July 15

Dear Sir —

I have found great variations in Pteris aquilina in outlines & contractions of segments. I gathered some yesterday which were close with the scattered hairs. This may be familiar to you, but I can send specimens if you wish. Yesterday I also gathered var. frondosa of O. cinnamomea. It has been very curious this year. Last line specimens of Woodwardia Virginica were very odd in their contraction & intrication. Some sterile fronds of O. cinnamomea have been greatly contracted, & on one there were one or two fertile pinnae at the base. Pteris aquilina has been so variable & contracted that I suspect either fungus or insect causes. Oh Yes I added Woodsia Ilvensis to our long list of Onondaga ferns. It occurred in the rocky summit of a hill 1,000 feet above the valley. Have some fertile deltoid sterile O. cinnamomea, [illegible]

Providence R.I. Apl 3rd 1879

My dear Sir.

I am just in receipt of your favor of 2d inst and hasten to reply that I send by this mail a small spec of Asplenium denticulatum L. as desired — I wish I had more of it for you — — the Phegopteris calcarea (Sm) FEE is as I have it in my list (Polypodium) is from Europe — I have not an American specimen altho I have collected it in Rhode Island and even in the limits of our own city —

the asplenium — is from Wright's Cuban collection.

I have perhaps 600 species of Ferns, quite a number of the foreign ones in duplicate and it may be that we each have some which it would be pleasing to the other to receive; —

think favorably of the matter I will send you my list –

I am sorry that I have not the other of the desiderata marked, but am glad that I can send you even the scanty specs I do –

The ~~Potapp~~ Phegopteris I send in paste boards by newspaper mail –: be a little careful in opening it as the paper is pasted and the stipe sewed down – I had no spec with candeze

Yours respy

[illegible]

List of Filices.

I

Gleichenia	Glauca, Hook.
"	Dichotoma, Hook.
Onoclea	Germanica, Wild.
	Orientalis, Hook.
	Sensibilis, L.
Woodsia	Manchuriensis, Hook.
	Polystichoides, Eaton
Hymenophyllum	Polyanthos, Swartz.
	Barbatum, Mig.
Trichomanes	Parvulum, Poir.
	Japonicum, Franch et Sav.
Dicksonia	Scabra, Wall.
Davallia	Bullata, Wall.
	Hirsuta, Swartz
	Marginalis, Baker.
	Strigosa, Swartz.
	Tenuifolia, Swartz.
	Wilfordii, Baker.
Cystopteris	Japonica, Luerss.
Adiantum	Pedatum, L.
	Monochlamys, Eaton.
Onychium	Japonicum, Kunze.
Pteris	Cretica, L.
	Serrulata, L.
	Quadriaurita, Retz.
	Aquilina, L.
Nephrodepis	Tuberosa

Lomaria	Nipponica, Kunze [=Spicant]
	Euphlebia, "
Woodwardia	Orientalis, Swartz.
Aspl.	Trichomanes. L.
	Normale, Don.
	Resectum, Swartz
	Ruta muraria, L.
	Pekinense, Hance.
	Varians, Hook. & Grev.
	Incisum, Thunb.
	Wardii, Hook.
	Rutaefolium, Kunze.
	Spinulosum, Mig.
	Thelypteroides, Mich.
	Macrocarpum, Bl.
	Göringianum, Mett.
	Nigripes. Bl.
	Nipponicum, Mett.
	Gokoscence, Franch. et Sav.
	Lancenum, Thunb.
	Wichurae, Mett.
	Conilii, Franch. et Sav.
	Japonicum, Thunb.
	Squamigerum, Mett.
	Felix-foeminea, Bernh.
Scolopendrium	Vulgare, Sm.
Camptosorus	Sibiricus, Rupr.
Aspid.	Craspedosorum, Maxim.
	Tsus-Simense, Hook.
	Aculeatum, Doll.
	Amabile, Bl.
	Tripteron, Kunze.
	Varium, Swartz.

II

Aspid. Aristatum, Swartz

Falcatum, Swartz

Decursive-pinnatum, Kunze.

Hirtipes, Hook.

Polylepis, Franch. et Sav.

Gracilescens, Bl.

Laxum, Franch. et Sav.

Lacerum, Swartz

Erythrosorum, Eaton.

Dabaei, Franch. et Sav.

Miquelianum, Maxim.

Muticum, Franch. et Sav.

Viridescens, Mig.

Uliginosum, Kunze.

Sophoroides. Swartz.

Prolixum Wild.

Decipiens, Hook.

Fragrans, Swartz. ×

Spinulosum, Var. Dilatatum

Thelypteris, Swartz. ×

Polypod. Vulgare, L.

" Var. Japonicum

Lingua, Swartz

Buergerianum, Mig.

Lineare, Thunb.

Linearifolium, Hook.

Hastatum, Thunb.

Maximowiczii, Baker.

Polypod.	Tricuspe, Swartz
	Punctatum, Thunb. ×
	Lineare, Var. Simplex ×
	Phaegopteris, L.
Gymnogramme	Totta, Schlechtr.
	Decurrenti-alata, Hook.
	Javanica, Bl.
	Lanceolata, Hook.
Vittaria	Lineata, Swartz
Drymoglossum	Carnosum, Hook.
Osmunda	Regalis, L.
	Cinnamomea. L.
Lygodium	Japonicum, Swartz
Botrychium	Ternatum, Swartz
	Virginianum, Swartz

Those with a cross are from Hokkaido.

Chellanthes Argentea, Kunze, is a native of Japan, but my specimens are from China (Chefoo & also the Peking Hills); however, it might well be included with the above.

Providence R.I. Apr 7 1877

My dear Sir.

I am glad to learn from your card that you rec'd the ferns and they pleased you — Some years since I found three fronds of what I took to be P. Dryopteris Lak the time I collected them, but afterwards found them to agree in their erect & rigid, and puberulent with — P. calcarea, Sm — — I afterwards found in N. Hampshire in the woods near the Flume House in Franconia notch a single frond of this description which all around was nothing but P. Dryopteris — where there were such I cannot remember, nor can I recollect that I have given them to any one —

I have frequently searched in the same locality where I found the first three, which were on the banks of the Blackstone River and within our city limits, but have not found it again — so that the matter must rest somewhat in doubt, with

Polypodium falcatum Kellogg —— ✓
intermedium Hook
[illegible]ogramme pedata Kaulf
Notholaena sinuata Kaulf
candida Hook
[illegible]aea [illegible]
tenera Geller
Cheilanthes Wrightii Hooks
aspera Hook
leucopoda Link
Lindheimeri Hook
argentea Hook
Pellaea gracilis Hooks ✓
Wrightiana Hook ✓
Adiantum filosum Hee
Asplenium Bradleyi Eaton ✓
myriophyllum Prest
Woodsia alpestris Mett
Woodsia Oregana Eat ✓
Botrychium Petersii Gray ✓
Anemia mexicana Klak

I feel very certain as to the glandular mealy character of stipe or rachis in the plants so found.

I thank you very kindly for your offer to supply some of my desiderata and have marked my deficiencies in N. A. Ferns upon the opposite page. I shall be pleased to receive any which you have to share, and will gladly reciprocate your kindness.

Yours truly,

C. L. Pennell

Provincetown Apr 18th 1917

My dear Sir –

Your last note is before me and reminds me that I have been a long time answering it – but I have been very busy with matter that claimed my immediate attention –

Botrychium boreale – I have not – known not – Simplex I have but little of – don't know them very well any how, than Botrychium – – We have virginianum – lunaria (in great variety as to the latter) – and I always look when out for – Lunaria for it seems to me that we shall find it some time –

I send you by to days express all the B. simplex which I have – – it may please you to see them – I wish I could give them to you, but as it is – please do not scruple to divide the specimen if any

Here is which I apply you may peruse
and return them to me at your convenience
— You will notice that the only American
Firm is from Dr Parry —

Yours very
J. L. Bennett

If the Lindsays is of any interest to you
please keep it — I drank off a barrel
of Porter yesterday and that was by accident
left out —

Providence Apl 30th 1877

My dear Sir,

I recd a day or two since a mere scrap of a fern from California (gathered last month by Mrs Austin in Quincy Plumas Co) — I placed it with Aspid munitum Kauf — and Prof Eaton corroborates my view — by stating — "it is a form of munitum analogous to var incisum of Aspid acrostichoides" —

I thought that altho' of scarcely any worth it might be interesting to you to see it

as showing the disposition to vary from the normal form —

Holding such opinion as I do in the matter of species and varieties, any such exhibition of a sport is doubly interesting to me as ~~[illegible]~~ seeming to strengthen what I already feel with regard to the relation of species — so called — to one another, — to wit, that there are especially in ferns two or three times as many noted by authors as there are —

Yours verly
J. H. Barnes

THE UNIVERSITY OF NEBRASKA

DEPARTMENT OF BOTANY

CHARLES E. BESSEY,
Professor, and Acting State Botanist
FREDERIC E. CLEMENTS, Assistant Instructor
CORNELIUS L. SHEAR, Fellow in Botany
EDNA L. HYATT, Botanical Artist

LINCOLN, NEBRASKA, U. S. A., July 13 1898

Geo E. Davenport
Milford, Mass.,

My dear Sir:

Under separate cover I send a few badly pressed leaves of Adiantum capillus-veneris L. collected at Custer in the Black Hills of South Dakota! They were collected by a friend who says that "they grow abundantly all along the stream", and that she "manages to get a bunch every summer".

I supposed that some mistake had been made, and so wrote to her asking in particular about it, and she says that there is no mistake about it at all.

Now these specimens are certainly A. capillus-veneris, but who ever heard of its growing that far north in the interior? I have a specimen from the U.S. National Museum from Wheelerton, which is the same thing.

I intend to visit the station

in person. if you think it of sufficient importance.

That Black Hills country is quite a mining one. and this but confirms it.

Now you know all the facts. What do you think of the case. It seems almost incredible. and I still feel "shaky" over it. but cannot see any way out of the matter. Awaiting your early reply

I am
Cordially yours
Charles E. Berry

The University of Nebraska
Department of Botany

Charles E. Bessey,
Professor
Frederic E. Clements, Instructor
Edna L. Ryatt, Botanical Artist
Cora F. Smith, Fellow
Albert T. Bell, Fellow

Lincoln, Nebraska, U. S. A., Aug 15 189[illegible]

Lyon. H. Davenport. Medford. Mass.

Dear Sir: I make no prediction of that Adiantum capillus veneris from the Black Hills until I see the plants in situ. I intend going to the Hills next week, and will see whether the ferns are actually there.

Yr Charles E. Bessey

UNIVERSITY OF NEBRASKA V

DEPARTMENT OF BOTANY
CHARLES E. BESSEY,
Professor, and Acting State Botanist.
FREDERICK E. CLEMENTS, First Assistant.
CORNELIUS L. SHEAR, Second Assistant.
CLARENCE J. ELMORE, Third Assistant.
EDNA L. HYATT, Botanical Artist.

LINCOLN, NEBRASKA, U. S. A., Oct 15. 1900

Geo. E. Davenport
67 Fellsway West, Medford, Mass.

Dr Sir: Do you want to look over the Nebraska Ferns in our collection? If so I'll send them whenever you so desire. Did I send you a specimen of Adiantum capillus veneris from the Black Hills of South Dakota? I intended to do so, but may have overlooked it.

Very Truly Charles E. Bessey

The University of Nebraska
Department of Botany

Charles E. Bessey,
Professor
Frederic E. Clements, Instructor
Edna L. Hyatt, Botanical Artist
Cora F. Smith, Fellow
Albert T. Bell, Fellow

Lincoln, Nebraska, U. S. A., Nov 17. 1900

George E. [illegible]
Medford. Mass.

[illegible] Under separate cover I send you a specimen of Adoxum [illegible] from the Black Hills.
I will look up the Asph. septentrionale. and [illegible] filix femina from Black. [illegible]

Very truly Charles E. Bessey

H

Memorandum

From
W. & J. BIRKENHEAD,
NURSERY & SEEDSMEN,
FERN NURSERY,
SALE,
NEAR MANCHESTER.

W. Davenport
8 Hamilton Place
Boston Mass
U.S.A
aug 22/98

Dear Sir

Your favour came duly to hand & in reply thereto we beg to say that we shall be glad to receive from you such Ferns as are herein mentioned & which you enumerate in your note as being able to supply.

We have procured our supply for some years from a Gentleman who has supplied us very satisfactorily - As a number which he has sent us however are either not in his district or only in limited quantities, he has had to charge us rather higher prices than those we append to our list - As we wish to buy as cheap as possible consistent with good stuff, & seeing those you mentioned grow so freely in your vicinity, we thought you might be able to supply these sorts a trifle cheaper & so we mention the rates we would pay - which if satisfactory to you, we shall be glad to have the quantities of each stated at

We shall also be pleased to hear of any other varieties you can procure & if you can fix prices please to do so. With respect to dried specimens we should very much like to have a collection of American Ferns, but we do not care about other plants - We thank you for your list kindly sent, please say at what you would supply us with a collection of Fern fronds only ~~for~~. Awaiting your reply

We remain Dear Sir
yours very truly
W & J Birkenhead

Ferns desired

50 Aspidium cristatum @ 12/6 per hundred
50 — " — " Clintonianum @ 16/8 per h —
+100 — " — " Noveboracensa @ 12/6 ——
+100 Dennstaedtia punctilobula @ 8/4 ——
+100 Phegopteris hexagonopterum @ 12/6 ——
+100 Aspidium acrostichoides @ 12/6 ——
50 Woodsia obtusa @ 16/8 per 100 ——
+100 Woodwardia angustifolia at 16/8 ——
+50 " Virginica at 12/6 ——
+100 Aspidium marginatum @ 12/6 —— + These should be medium size crowns + smaller - not very large ones, but the other sorts as good as possible

Should the above prices be satisfactory, the plants could be sent off in the fall - packed carefully in barrells, + kept each variety separate

we have been guided entirely by prices we have previously paid & offers we have in hand from several who collect the Native plants of America. Should you find when you have collected & sent off the plants, that you are unable to supply any of the varieties at the prices we offered, you will be able to quote the prices (the lowest please) at which you would undertake to supply them & also whether you can send any other sorts than those previously named.

We are Dear Sir
Yours very truly
W. & J. Birkenhead

Memorandum

From
W. & J. BIRKENHEAD,
NURSERY & SEEDSMEN,
FERN NURSERY,
SALE,
NEAR MANCHESTER.

To
W. Davenport
Oct 1/78.

Dear Sir

Your favour is duly to hand, we regret to hear of your deep affliction by the loss of one of your children & tender our sympathies with you in your trouble.

Respecting the Ferns we shall be glad if you can execute our order in detail, or at any rate as much of it as possible, at the time you specify. As to prices

specimens of living plants if possible but later another season we will send you particulars. We just drop you this to [illegible] know we are safe here, in a short time we will send you Bank draft in payment.

We are Yours [illegible]

[illegible]

Memorandum

From

W. & J. BIRKENHEAD,
NURSERY & SEEDSMEN,
FERN NURSERY,
SALE,
NEAR MANCHESTER.

To [illegible] Vavert

Aug 1/79

Dear Sir

Your second lot of ferns have come safely to hand, & they do not appear to be any worse for their journey. The Fern Fronds also came safe, for which we tender our sincere thanks; there are a number of other varieties we should like to get you to send

[illegible]

Memorandum

From
W. & J. BIRKENHEAD,
NURSERY & SEEDSMEN,
FERN NURSERY,
SALE,
NEAR MANCHESTER.

To
Mr. Davenport
Sept. 19. 79

Dear Sir

In accordance with previous arrangement, we have pleasure in giving you a small list of items we shall be glad if you will forward to us same way as last year as soon as ready for shipment. With kind regards

We remain Dear Sir
Yours very truly
W. & J. Birkenhead & Co

Memorandum

From

W. & J. BIRKENHEAD,
NURSERY & SEEDSMEN,
FERN NURSERY,
SALE,
NEAR MANCHESTER.

To

Mr. Davenport

Ferns.

100 Aspidium cristatum @ 12/6
~~100~~ 50 " C. Clintonianum 16/8 : 8/4
100 Phegopteris hexagonoptera @ 7/6
100 Woodwardia angustifolia @ 16/8
100 " Virginica @ 12/6

450

Should you not be able to supply them please let us know as soon as possible, & if you can [illegible] please also send altogether not in separate lots as the whole will only cost about same for carriage [illegible]

A

Plainville Conn Feb 7th 1894

Prof. Geo. E. Davenport
Medford Mass.

My Dear Sir

You will see by enclosed circular letter what I am about.
Can you give me names and stations of the rarer Ferns and their Allies in this state?
Full credit will be given for any assistance received —
A correspondent from Waterbury has just sent me stations Waterbury and Lakeville this state for Asplenium viride can it be possible this is found in this state?
I have written him doubting his determination and requesting specimens —
Am trying to get Crock of Botrychium Lunaria in this state — Hastily yours etc —

James N Bishop —

Can you give station in this state other than New Haven for Woodwardia angustifolia?

4

Plainville Conn. Feb 17th 1876

Mr. George E. Davenport
Medford Mass.

My dear Sir

Your valued favor of 14th reached me today — thanks for your stations of Botrychium Lunaria they are the only definite ones I have! In regard to Asplenium viride my correspondent has since written me he only intended to give Waterbury as station and could not furnish me with specimen but would try and get some this coming season — I suspect he mistook ruta-muraria or montanum for it — unfortunately I have not complete file of Torrey Bulletin should very much like to insert the species in list if it actually occurs! You ask if I have record of Asplenium ebenoides? the only one I have is one plant found in Canaan 1877 by J. S. Adams. Have you further stations or information?

Have got to have copy ready about Mar 1st so you see time is precious If you can help me on viride and ebenoides shall appreciate it — will send you copy when issued

Hastily, with esteem and regard
James N. Bishop —

Plainville Conn. Sept 17th 1896

Dear Mr. Davenport

I send under separate cover with this fine ferns will you kindly look them over #4 & 5 & make out Asplenium thelypteroides and A filix foemina as I right?
The others are all I think varieties of D. Cristata but am puzzled as to what the varieties are — do not trouble to return them only their names corresponding to the numbers — thanking you for your kindness in advance I am most truly

James N. Bishop

4 - A. Thelypteroides yes
5 " filix foemina "
3 - A. cristatum
2 " var. Clintonianum
1 - A. Boottii

Mr. Geo. E. Davenport

8 Hamilton Place

4

To the Botanists of Connecticut.

The author of this letter is about to publish a supplementary sheet to the catalogue of state plants published in 189[illegible] giving all the corrections and additions to that list that have been discovered the past season. At the close of each season it is proposed to publish a record of the years work thus keeping the working botanists of the state in touch with the latest knowledge of our state flora, without having to wait years, perhaps, before a revision of the catalogue should be found necessary or desireable. It is with this end in view your aid is requested. Full credit will be given for contributed information. As this "Rectograph" letter is mailed to all correspondents those who have already sent lists are not expected to do so again. Most truly Yours N. Bishop

Plainville Conn. Mar. 18th 1897

Plainville Conn. June 30th 1898

My Dear Mr. Davenport

I send under seperate cover a species of Dryopteris which I am uncertain whether it is Boottii or not kindly give me your decision which with me will be final! Thanking you in advance for your kindness I am most truly

James N. Bishop

Spinulosum – intermedium

form with pinnae more erect than usual

Plainville Conn. July 13th 1900

Dear Mr. Davenport

I take the liberty to mail you a package of ferns sent me by Mr. E. H. Austin to name for him — I wrote him I considered them to be Dryopteris spinulosa Var intermedia.

He has sent them to Mr. B. D. Gilbert of Claymille N.Y. who pronounces them to be Dryopteris dilatata glandulosa

and remarks the one with "odd fimma at the base while not constant is a feature which may prove valuable in distinguishing the variety."

I feel very desirous of knowing just what variety it is and enclose stamps for their return.

I hope you are enjoying good health and thanking you in advance for your kindness I remain

Most truly James N. Bishop

Aspidium spinulosum Sw. } B.S.D.
normal form